




<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 2002458-0013
INTERNATIONAL APPLICATION NO. PCT/US2005/000505		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not yet assigned <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/585564</div>
INTERNATIONAL FILING DATE January 7, 2005		PRIORITY DATE CLAIMED January 9, 2004
TITLE OF INVENTION Electrophoretic Casting		
APPLICANT(S) FOR DO/EO/US Matson, <i>et al.</i>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). Application as filed, including Appendix A (237 pp.)</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment. (44 pp.)</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <div style="padding-left: 20px;"> <input checked="" type="checkbox"/> Return Postcard  <input type="checkbox"/> International Search Report  <input checked="" type="checkbox"/> Credit Card Payment Form  <input checked="" type="checkbox"/> Notification of Receipt of Record Copy (1 pg., incl. cover sheets)  <input checked="" type="checkbox"/> Notification Concerning Submission or Transmittal of Priority Document (3 pg.)  <input type="checkbox"/> Statement Under 37 CFR § 1.821 ( pg.)  <input type="checkbox"/> Paper Copy of Sequence Listing ( pg.)           </div> </li> </ol>		

U.S. APPLICATION NO. <b>10/585564</b> <small>(known as 37 CFR 1.53) Not yet assigned</small>		INTERNATIONAL APPLICATION NO. PCT/US2005/000505		ATTORNEY'S DOCKET NUMBER 2002458-0013	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee ..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee (Search Fee Paid Under 37 C.F.R. 1.445(a)(2) paid to USPTO as ISA ..... \$100.00				\$ 100.00	
TOTAL OF ABOVE CALCULATIONS =				\$600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
100 =	=		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	78-20 =	58	\$50.00	\$ 2900	
Independent claims	5-3 =	2	0 x \$200.00	\$ 400	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			\$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 3900	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1950	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				\$	
TOTAL NATIONAL FEE =				\$ 1950	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40	
+					
TOTAL FEES ENCLOSED =				\$ 1990	
Amount to be refunded					\$
Amount to be charged					\$
<p>a. <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>03-1721</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1721</u>. A duplicate of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Patent Group Choate, Hall &amp; Stewart LLP Two International Place Boston, Massachusetts 02110 Tel: 617-248-5000 Fax: 617-248-4000 Dated: July 6, 2006</p>					
				<p></p> <p>Signature Valarie B. Rosen Ph.D. Name 45,698 Registration Number</p>	



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10/585564

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Date: July 6, 2006 Express Mail No. EV853902998US

The Patent and Trademark Office stamping  
sets forth and receipt date  
(or both the receipt date and the Serial Number)  
of a patent application identified as follows:

Applicant(s): Matson, et al.  
Serial No: PCT/US2005/000505  
Filing Date: January 7, 2005  
Title: Electrophoretic Casting

- 1) Transmittal Letter (PTO Form 1390) (2 pages)
- 2) Copy of PCT Publication No. WO2005/070091
- 3) Assignment Recordation Cover Sheet
- 4) Assignment (2 Pages)
- 5) Notification of Receipt of Record Copy (1 page)
- 6) Notification Concerning Submission or Transmittal of Priority Document (3 pages)
- 7) Credit Card Form

Attorney: vbr

Attorney Docket No. 2002458-0013